# **CUI** DEVICES

**date** 01/31/2020

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MODEL: SJ-3598 | DESCRIPTION: AUDIO JACK

#### **FEATURES**

- isolated ground spring
- plastic bushing
- PCB mount





### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1.0	А
contact resistance	between terminal and mating plug between terminal in a closed circuit*			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

Notes: \*When measured at a current of less than 100 mA / 1 kHz

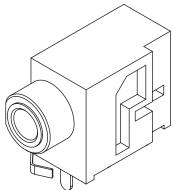
#### **SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5±0.5 seconds at	255	260	265	°C

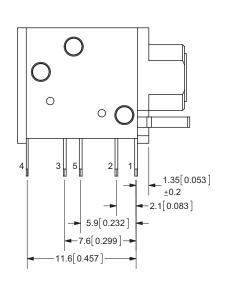
#### **MECHANICAL DRAWING**

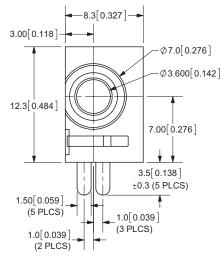
units: mm[inches]

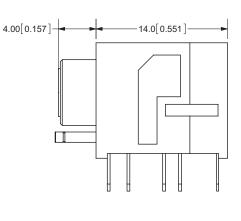
TOLERANCE: X.X  $\pm 0.2$ mm X.XX  $\pm 0.1$ mm X.XXX  $\pm 0.05$ mm

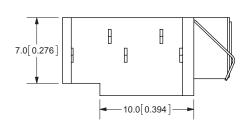


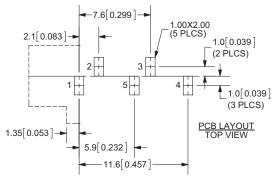
	MATERIAL	PLATING
terminal 1	brass	tin
terminal 2	brass	tin
terminal 3	brass	tin
terminal 4	copper alloy	tin
terminal 5	brass	tin
bushing	brass	nickel
spring	stainless steel	
shield	stainless steel	
plastic	PA66	

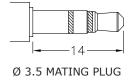












Model No.	SJ-3598	
Schematic	0 1 0 3 0 4 0 5 0 5	

Additional Resources: Product Page | 3D Model | PCB Footprint

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#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	02/22/2012
1.01	updated schematic	04/20/2012
1.02	brand update	01/31/2020

The revision history provided is for informational purposes only and is believed to be accurate.

## **CUI** DEVICES

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